

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/013161 A1

(51) International Patent Classification⁷: **G06F 17/60,**
153/00

[US/US]; 1124 North Jackson Street, Glendale, CA 91207 (US). SUN, Tony [AU/AU]; 25 Allambie Avenue, East Lindfield, New South Wales 2070¹ (AU). THOMAS, Gerald [AU/AU]; 19 Fisher Street, Balgowlah Heights, New South Wales 2093 (AU).

(21) International Application Number: **PCT/AU2004/000844**

(74) Agent: **BLAKE DAWSON WALDRON PATENT SERVICES**; Level 36, Grosvenor Place, 225 George Street, Sydney, New South Wales 2000 (AU).

(22) International Filing Date: 25 June 2004 (25.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

2003903881 28 July 2003 (28.07.2003) AU
(71) Applicant (for all designated States except US): STOK-BOT NETWORKS PTY LIMITED [AU/AU]; 19 Fisher Street, Balgowlah, New South Wales 2093 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BINDER, George

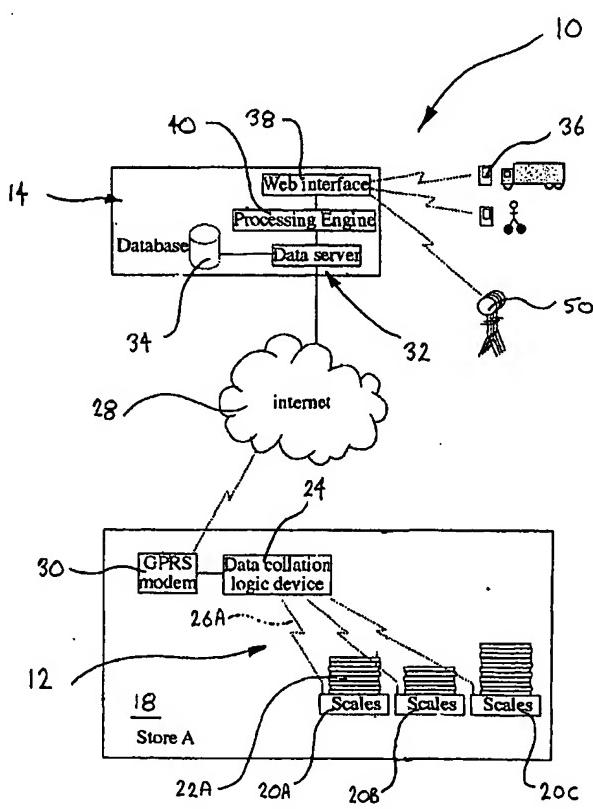
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: PRODUCT INVENTORY MANAGEMENT



WO 2005/013161 A1



(57) Abstract: The present invention relates generally to a system for managing product inventory levels (10). The inventory management system (10) comprises means for monitoring the flow of product (12), means for capturing product flow data in real time (14), and means for controlling the delivery of product (16). The monitoring means (12) communicates remotely with the capturing means (14) which in turn communicates with the control means (16) to selectively deliver product. The method and system for inventory management allows outlets such as retail stores to optimise their inventory levels. According to another aspect of the invention there is a system for counting product (52) which broadly comprises weighing means (56), means for measuring changes in weight (58) and means for calculating or deducing the change in the number of products (60). The weighing means (56) communicates with the measuring means (58) via a wireless connection (62).



(84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*